

1. A method of generating a signal comprising:
  - providing a capacitive touch sensor pad including a matrix of X and Y conductors;
  - developing capacitance profiles in one of an X direction and a Y direction from said matrix of X and Y conductors;
  - determining an occurrence of a single gesture through an examination of said capacitance profiles, said single gesture including an application of at least two objects on said capacitive touch sensor pad; and
  - generating a signal indicating the occurrence of said single gesture.
2. The method of claim 1 wherein said signal is a simulated mouse button click.
3. The method of claim 1 wherein developing capacitance profiles comprises developing capacitance profiles in both said X and Y directions from said matrix of X and Y conductors.
4. A capacitive sensor comprising:
  - a matrix of X and Y conductors;
  - sensing circuitry coupled to each of said X and Y conductors and configured to generate outputs based on the capacitance of said X and Y conductors; and

an arithmetic unit coupled to said sensing circuitry and configured to develop a first capacitance profile in an X direction in response to said outputs of said sensing circuitry, and to determine an occurrence of a single gesture through an examination of said first capacitance profile, said single gesture including an application of at least two objects to said capacitive sensor.

5. The capacitive sensor of claim 4 wherein said sensing circuitry is configured to drive said X conductors simultaneously, and to drive said Y conductors simultaneously, wherein said X conductors are driven separately from said Y conductors.

6. The capacitive sensor of claim 4 wherein said arithmetic unit is configured to develop a second capacitance profile in a Y direction in response to said outputs of said sensing circuitry.

7. The capacitive sensor of claim 4 wherein said arithmetic unit is configured to differentiate between an application of a single object and an application of multiple objects to the capacitive sensor.